

REMARKS

These remarks are submitted in reply to the Office Action dated March 01, 2004. Applicants respectfully request reconsideration and further examination of the patent application under 37 C.F.R. § 1.111.

Summary of First Office Action

I. Claims 1-4, 6, 7, 12-15, 17 and 18 were rejected under 35 U.S.C. 103(a) as being unpatentable over Zhu et al US Patent 6,686,817 in view of Liang et al US Patent 6,597,265 (of record) in view of Turunen et al US Patent 5,543,764.

II. Claims 16 and 19 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response

Applicant has amended claim 1 to include the limitations of claim 16, and the limitations of claim 15, from which claim 16 depended, and the limitations of claim 13 from which claim 15 depended. Further, Applicant has deleted the following previously added element to claim 1:

~~said tunable capacitors comprising, a first electrode; a tunable dielectric film positioned on the first electrode; and a second electrode positioned on a surface of the tunable dielectric film opposite the first electrode; and~~

Applicant submits that based on the present 10-19-2005 office action, the deleted portion above was not part of the reasons for allowability and thus has been deleted. Further, the following

element was deleted since it was replaced by the language from claims 16, 15 and 13.

~~means for coupling non-adjacent ones of the resonators.~~

Applicant has also amended claim 18 to include the elements of claim 1, 18 and 19. Claim 19 has been cancelled. The Patent Office is authorized to charge any fees associated with the claim as it is now in independent form, to deposit account number 502697. The present office action indicated this claim 19 would be allowable if the limitations of the independent base claim and intervening claims were combined (which Applicant has done in claim 18).

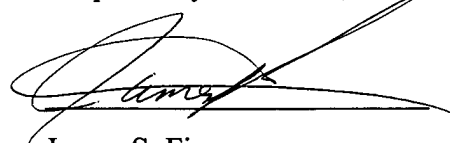
CONCLUSION

From the foregoing, Applicants respectfully submit that all of the stated grounds of rejections have been properly traversed, accommodated, or rendered moot. Accordingly, Applicants respectfully request that the application is in condition for allowance and respectfully request such action.

If the Examiner believes, for any reasons, that personal communication will expedite prosecution of this application the Examiner is invited to telephone the undersigned at the following number: 202-607-4607.

The USPTO is authorized to charge Deposit Account No. 502697 any fees associated with this response.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'James S. Finn', written over a horizontal line.

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